

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG F2C66 Case 43795 Contract EPW11037 Region 6 DDTID 183538 SOW SOM01.2

Data Review Reports

Detection Limit

| Detection Limit | BNA |
|-----------------|---|
| BDL1 | The following semivolatile samples have analyte concentrations below the quantitaion limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified. |
| | F2C72 |
| | Benzo(b)fluoranthene F2C72 |
| | Benzaldehyde F2C72 |
| | Pyrene F2C72 |
| | Acetophenone F2C72 |

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Detection Limit

| Detection Limit | BNA_SIM |
|-----------------|---|
| BDL1 | The following semivolatile samples have analyte concentrations below the quantitaion limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified. |
| | F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87 |
| | Benzo(k)fluoranthene F2C66, F2C69, F2C72, F2C75, F2C84 |
| | Fluoranthene F2C75, F2C78 |
| | Chrysene F2C87 |
| | Phenanthrene F2C69, F2C72, F2C75, F2C84 |
| | Benzo(b)fluoranthene F2C78, F2C87 |
| | Benzo(a)pyrene F2C66, F2C75, F2C87 |
| | Indeno(1,2,3-cd)pyrene F2C66, F2C69, F2C72, F2C75 |
| | Benzo(a)anthracene F2C66, F2C75, F2C78, F2C87 |

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Initial Calibration

| Initial Calibration | BNA_SIM |
|---------------------|---|
| BC5 | The following semivolatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds. |
| | F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43 |
| | Pentachlorophenol SSTD001GG |
| | F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43 |

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TIC

| TIC | BNA |
|-------|---|
| BTIC1 | A library search indicates a match at or above 85% for a TIC compound in the semivolatle sample Detected compounds are qualified NJ. Nondetected compounds are not qualified. |
| | F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43 |
| | 5-Eicosene, (E)- F2C66 |
| | 2-Tetradecene, (E)- SBLK43 |
| | 8-Pentadecanone SBLK43 |
| | 3-Eicosene, (E)- SBLK43 |
| | Hexylene glycol F2C66, F2C72 |
| | Cetene F2C69, SBLK43 |
| | 9-Octadecenamamide, (Z)- F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43 |
| | Hexadecanamide F2C75, SBLK43 |
| | 1-Tetradecene F2C72 |
| | 10-Nonadecanone SBLK43 |
| | 1-Octadecene F2C66, F2C69, F2C72, F2C75, SBLK43 |
| | n-Tetracosanol-1 SBLK43 |
| | 5H-Pyrrolo[3,4-b]pyrazine-5,7(6H)-dione, 6-(phen F2C72 |
| | Trifluoroacetic acid, pentadecyl ester F2C72 |
| | 3-Acetylphenanthrene SBLK43 |
| | E-14-Hexadecenal F2C69 |
| | 1-Heneicosanol SBLK43 |
| | Octatriacontyl pentafluoropropionate SBLK43 |
| TIC | BNA |
| BTIC2 | A library search indicates a match below 85% for a TIC compound in the semivolatle sample Detected compounds are qualified J. Nondetected compounds are not qualified. |
| | F2C66, F2C69, F2C72, F2C75, SBLK43 |
| | Unknown 8-Octadecanone SBLK43 |
| | Unknown 8-Pentadecanone F2C69 |
| | Unknown Phthalic anhydride F2C72 |
| | Unknown 9-Octadecenamamide, (Z)- F2C75 |

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TIC

| TIC | BNA |
|-----|--|
| | Unknown Octatriacontyl pentafluoropropionate SBLK43 |
| | Unknown Dichloroacetic acid, heptadecyl ester F2C69 |
| | Unknown Oxalic acid, allyl octadecyl ester SBLK43 |
| | Unknown Hexylene glycol F2C75 |
| | Unknown D-Homoestra-1,3,5(10),15-tetraen-17a-one, 3-meth F2C75 |
| | Unknown Picolinyl 8-(5-hexyl-2-furyl)-octanoate F2C66, F2C75 |
| | Unknown Cyclohexane-1,2,3-trione-1,3-dioxime SBLK43 |
| | Unknown 3-Acetylphenanthrene F2C69 |
| | Unknown 1-Naphthalenemethanamine, .alpha.-methyl-, (R)- SBLK43 |